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**Resource Management Plan
Draft Environmental Impact Statement**

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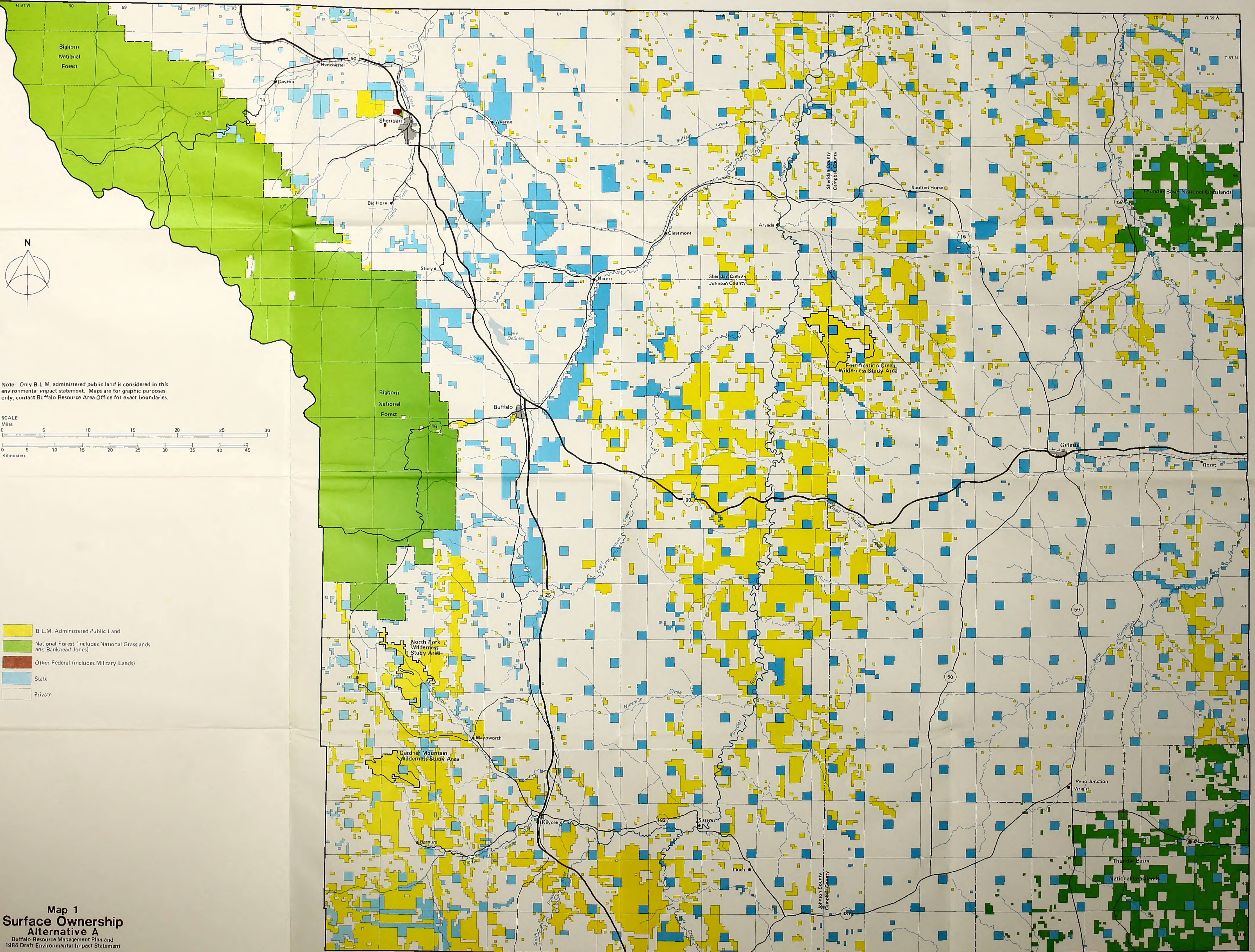
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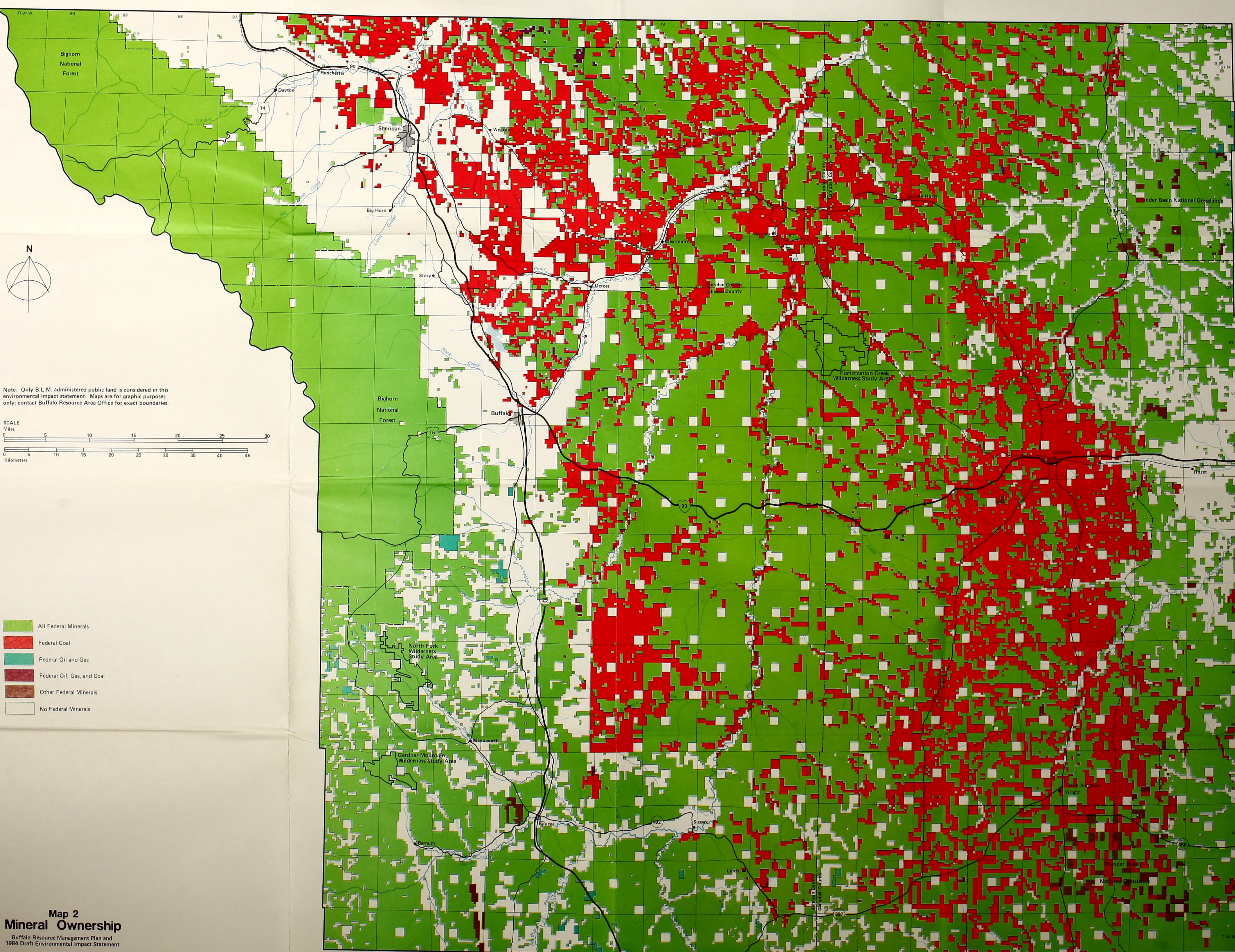
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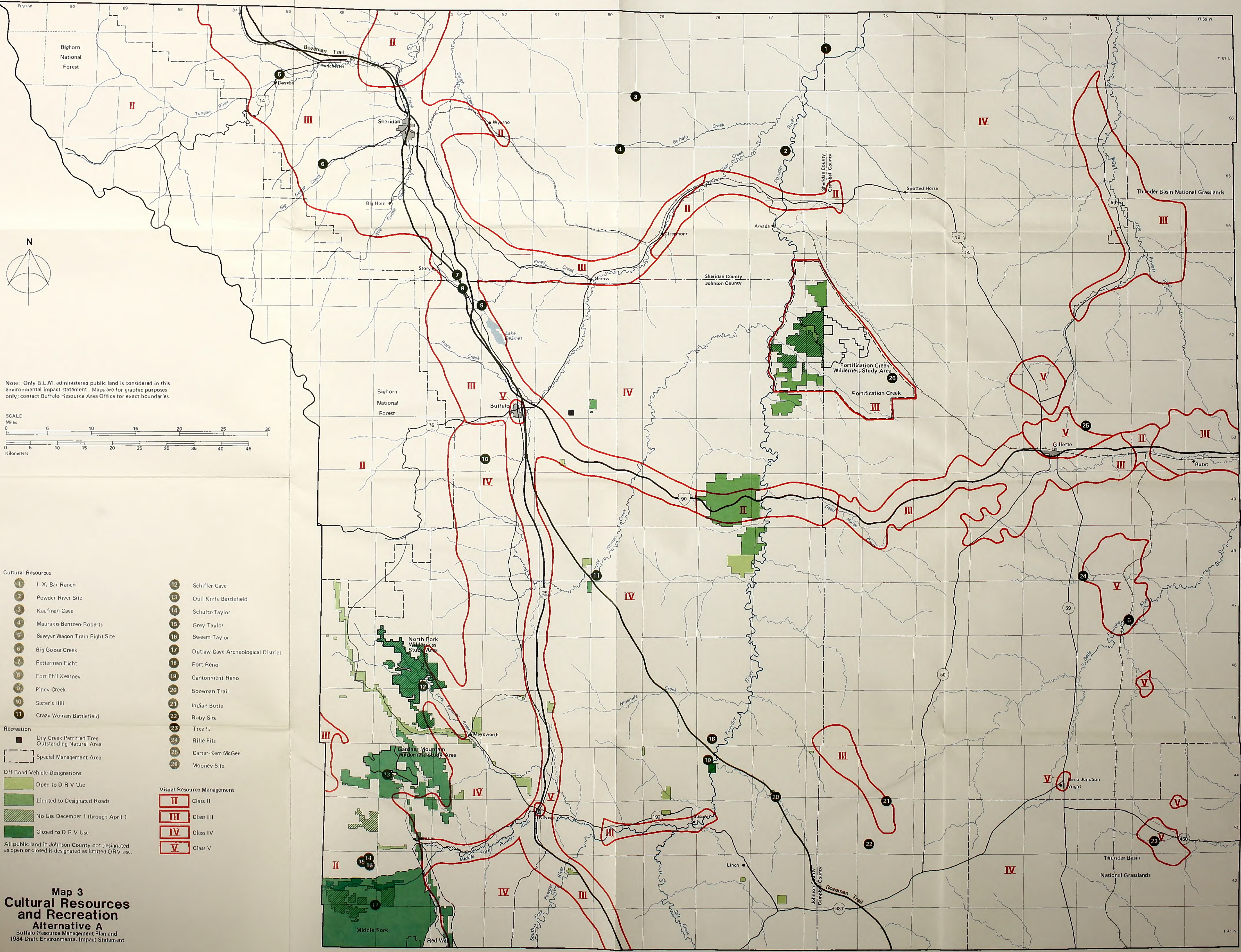
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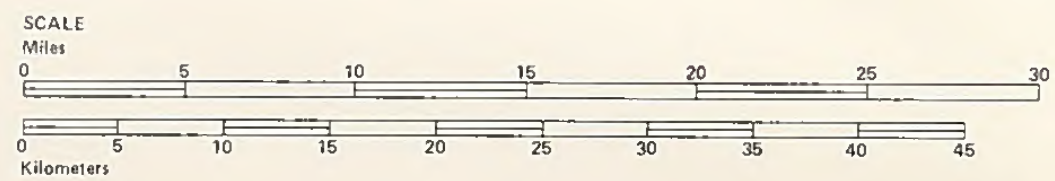
Map 1
Surface Ownership
Alternative A
Buffalo Resource Management Plan and
1984 Draft Environmental Impact Statement



Map 2
Mineral Ownership
Buffalo Resource Management Plan and
1984 Draft Environmental Impact Statement

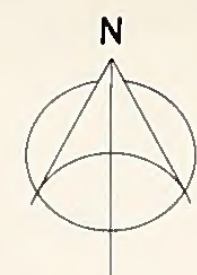


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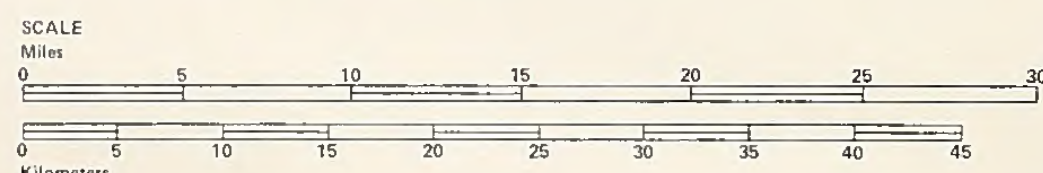


- Cultural Resources**
- 1 L.X. Bar Ranch
 - 2 Powder River Site
 - 3 Kaufman Cave
 - 4 Maurakis Bentzen-Roberts
 - 5 Sawyer Wagon Train Fight Site
 - 6 Big Goose Creek
 - 7 Fetterman Fight
 - 8 Fort Phil Kearney
 - 9 Piney Creek
 - 10 Sister's Hill
 - 11 Crazy Woman Battlefield
 - 12 Schiffer Cave
 - 13 Dull Knife Battlefield
 - 14 Schultz Taylor
 - 15 Grey Taylor
 - 16 Sween Taylor
 - 17 Outlaw Cave Archeological District
 - 18 Fort Reno
 - 19 Cantonment Reno
 - 20 Bozeman Trail
 - 21 Indian Butte
 - 22 Ruby Site
 - 23 Tree II
 - 24 Rifle Pits
 - 25 Carter-Kerr McGee
 - 26 Mooney Site
- Recreation**
- Dry Creek Petrified Tree Outstanding Natural Area
 - Special Management Area
- Off Road Vehicle Designations**
- Open to D.R.V. Use
 - Limited to Designated Roads
 - No Use December 1 through April 1
 - Closed to D.R.V. Use
- Visual Resource Management**
- Class II
 - Class III
 - Class IV
 - Class V
- All public land in Johnson County not designated as open or closed is designated as limited DRV use.

Map 3
Cultural Resources and Recreation
Alternative A
Buffalo Resource Management Plan and
1984 Draft Environmental Impact Statement



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Value at Risk

- I** Low
- II** Moderate
- III** High
- IV** Very High

Fire Problem Class and Action Modification

Bozeman Trail - No Dozers

Class 3

Class 6

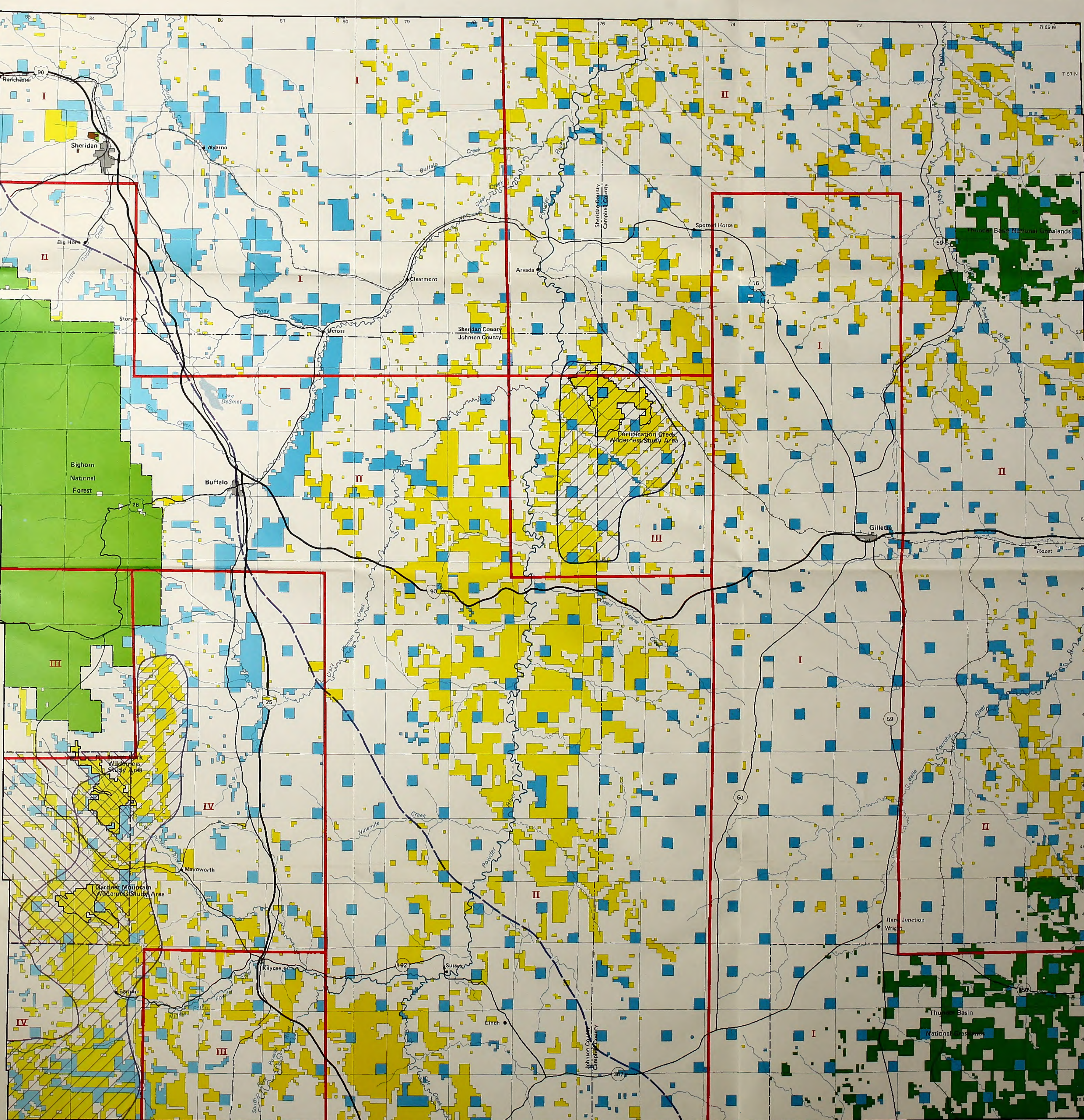
Remaining Resource Area is Class 2

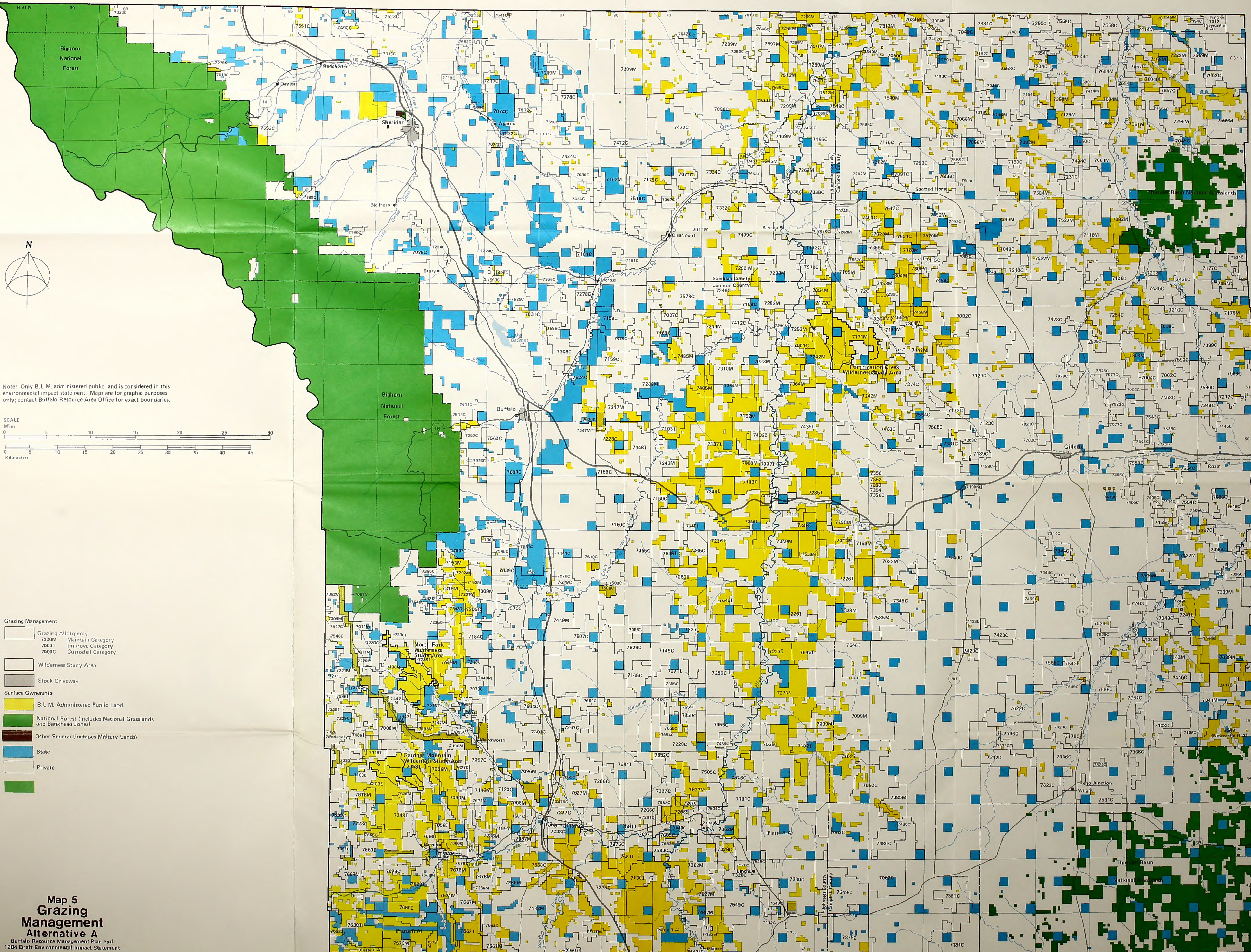
Surface Ownership

- B.L.M. Administered Public Land
- National Forest (includes National Grasslands and Bankhead Jones)
- Other Federal (includes Military Lands)
- State
- Private

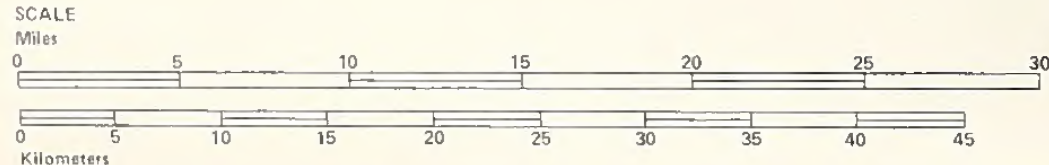
Map 4 Fire

Buffalo Resource Management Plan and
1984 Draft Environmental Impact Statement



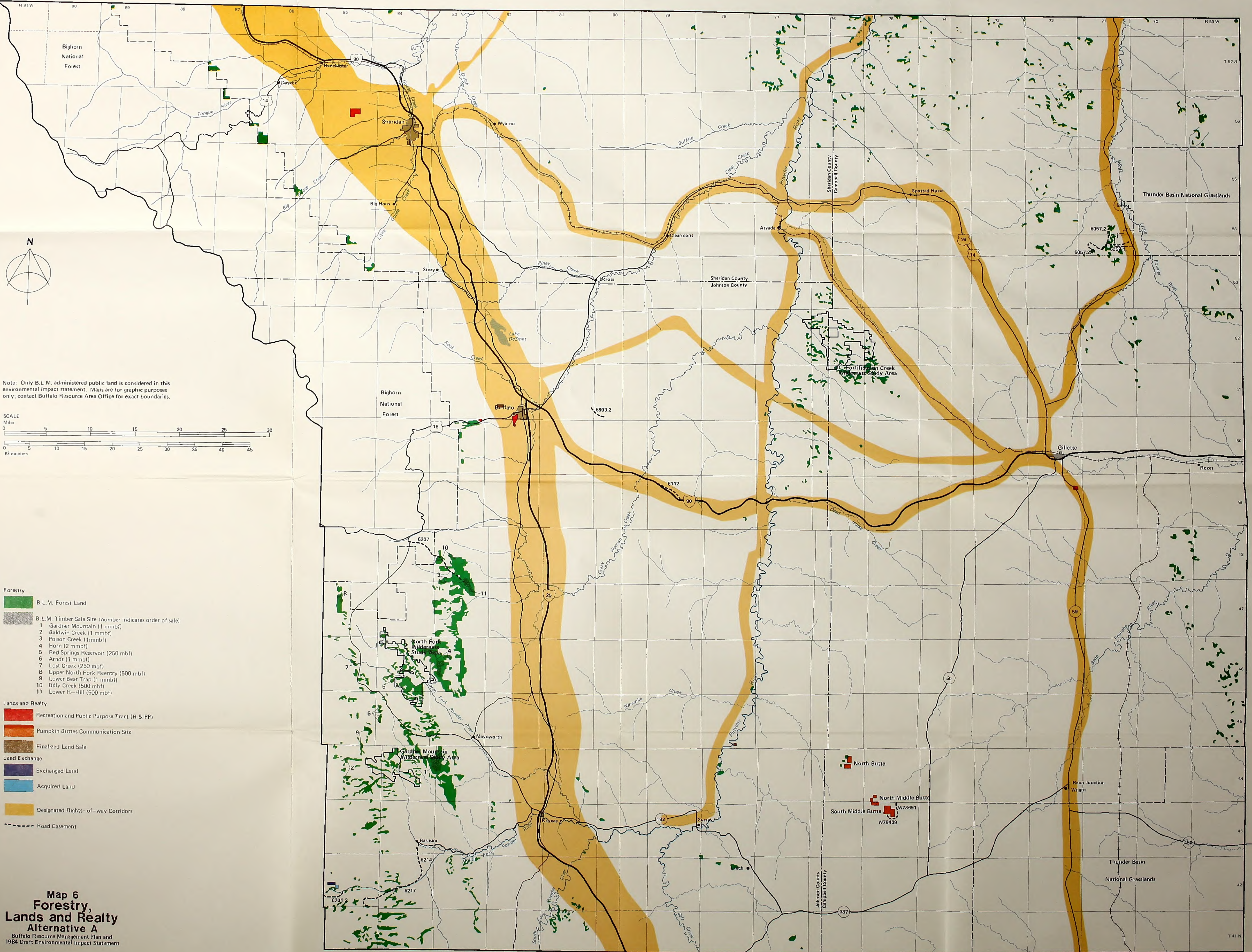


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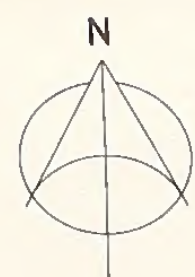


- Grazing Management**
- Grazing Allotments
 - 7000M Maintain Category
 - 7000I Improve Category
 - 7000C Custodial Category
- Wilderness Study Area**
- Stock Oriveway
- Surface Ownership**
- B.L.M. Administered Public Land
 - National Forest (includes National Grasslands and Bankhead Jones)
 - Other Federal (includes Military Lands)
 - State
 - Private

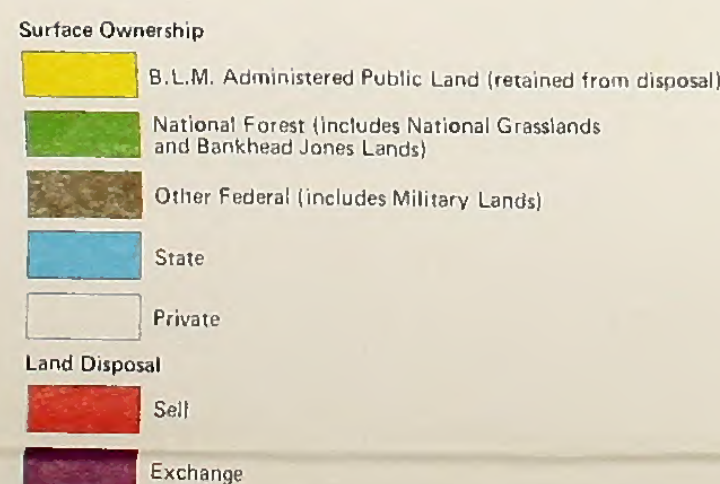
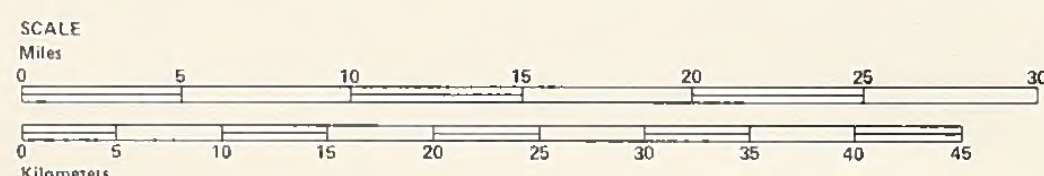
Map 5
Grazing
Management
Alternative A
Buffalo Resource Management Plan and
1984 Draft Environmental Impact Statement



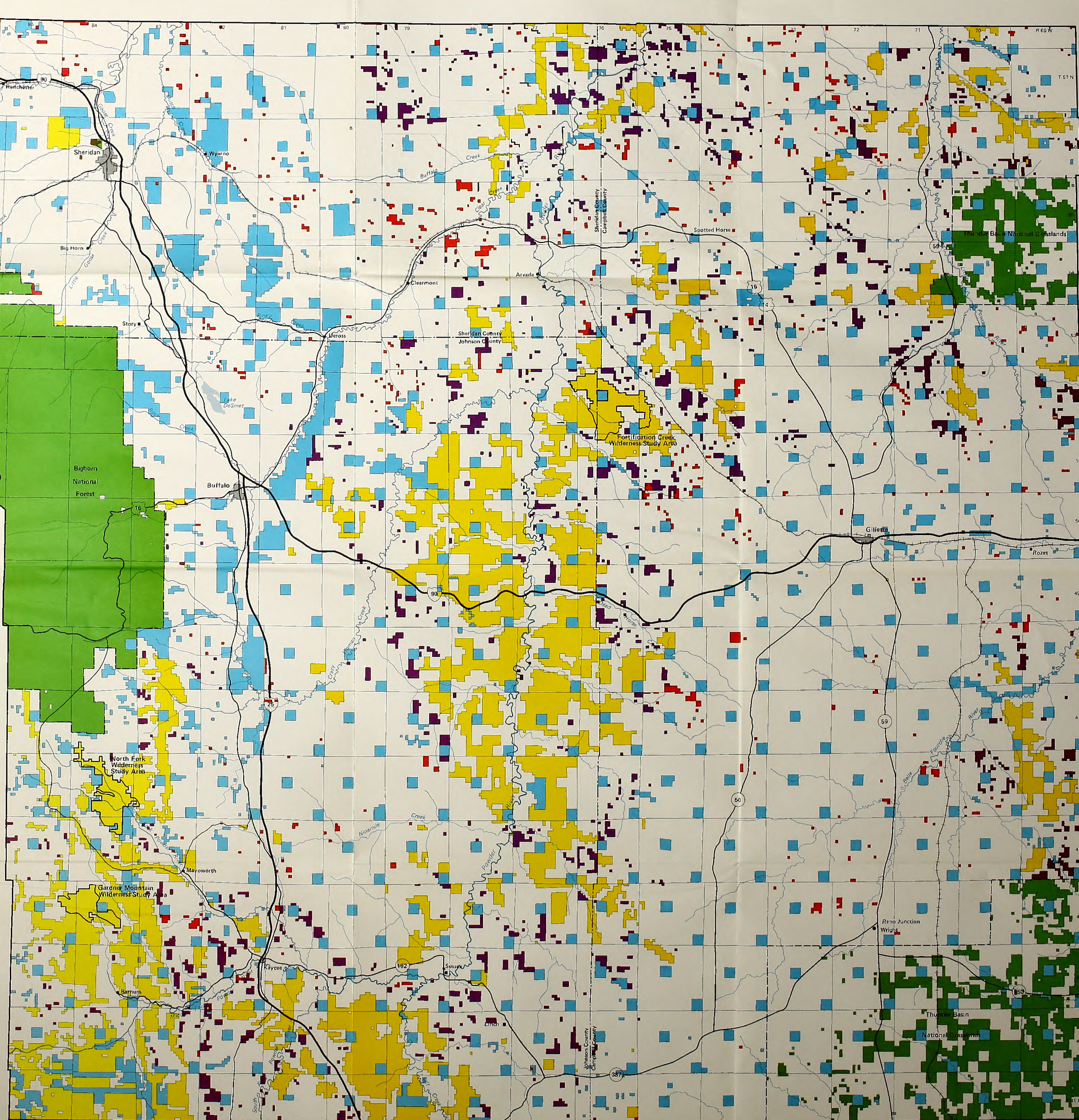
Map 6
Forestry,
Lands and Realty
Alternative A
Buffalo Resource Management Plan and
1984 Draft Environmental Impact Statement

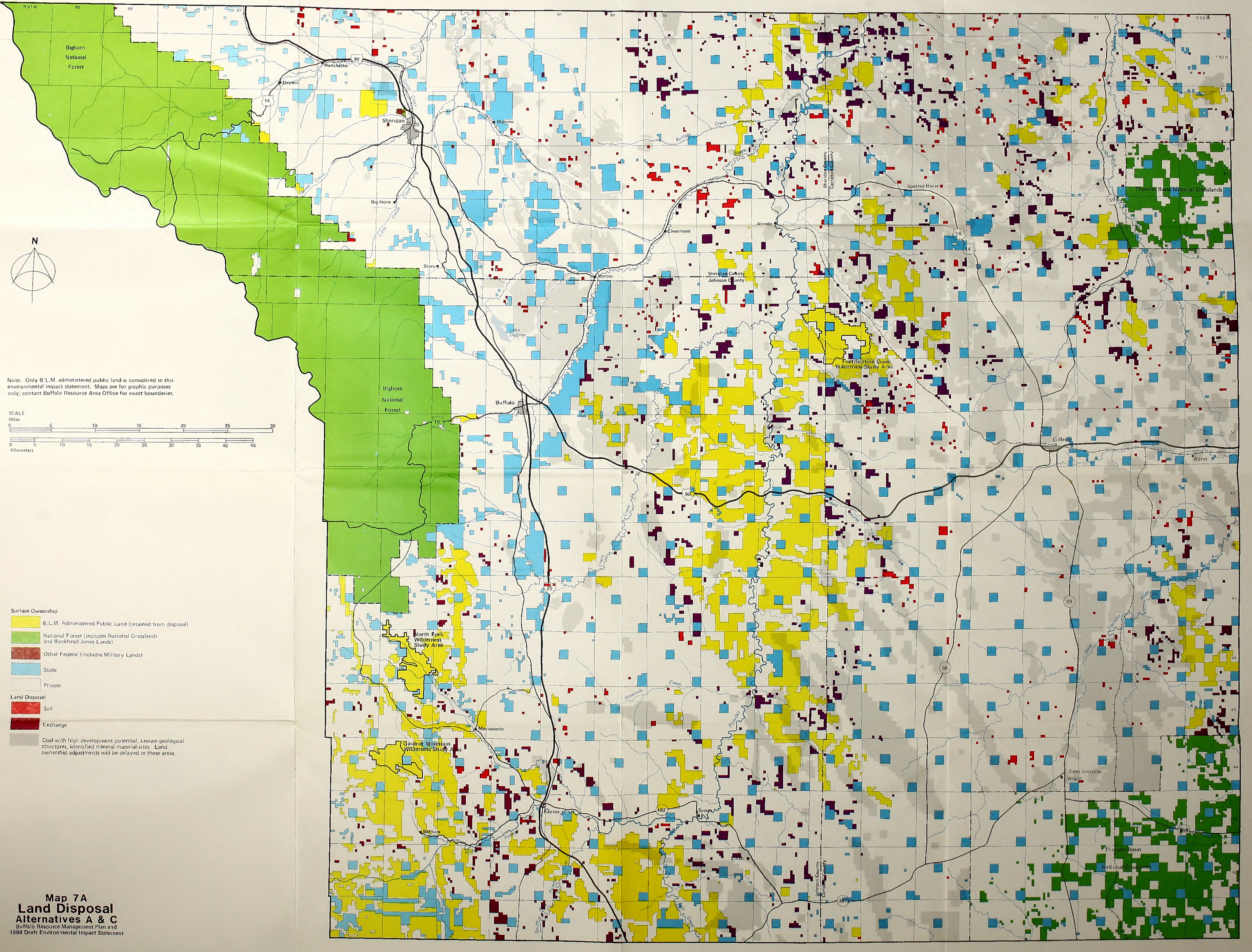


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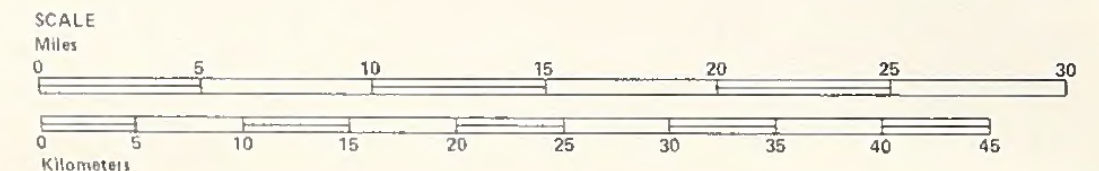


Map 7
Land Disposal
Alternative D
Buffalo Resource Management Plan and
1984 Draft Environmental Impact Statement



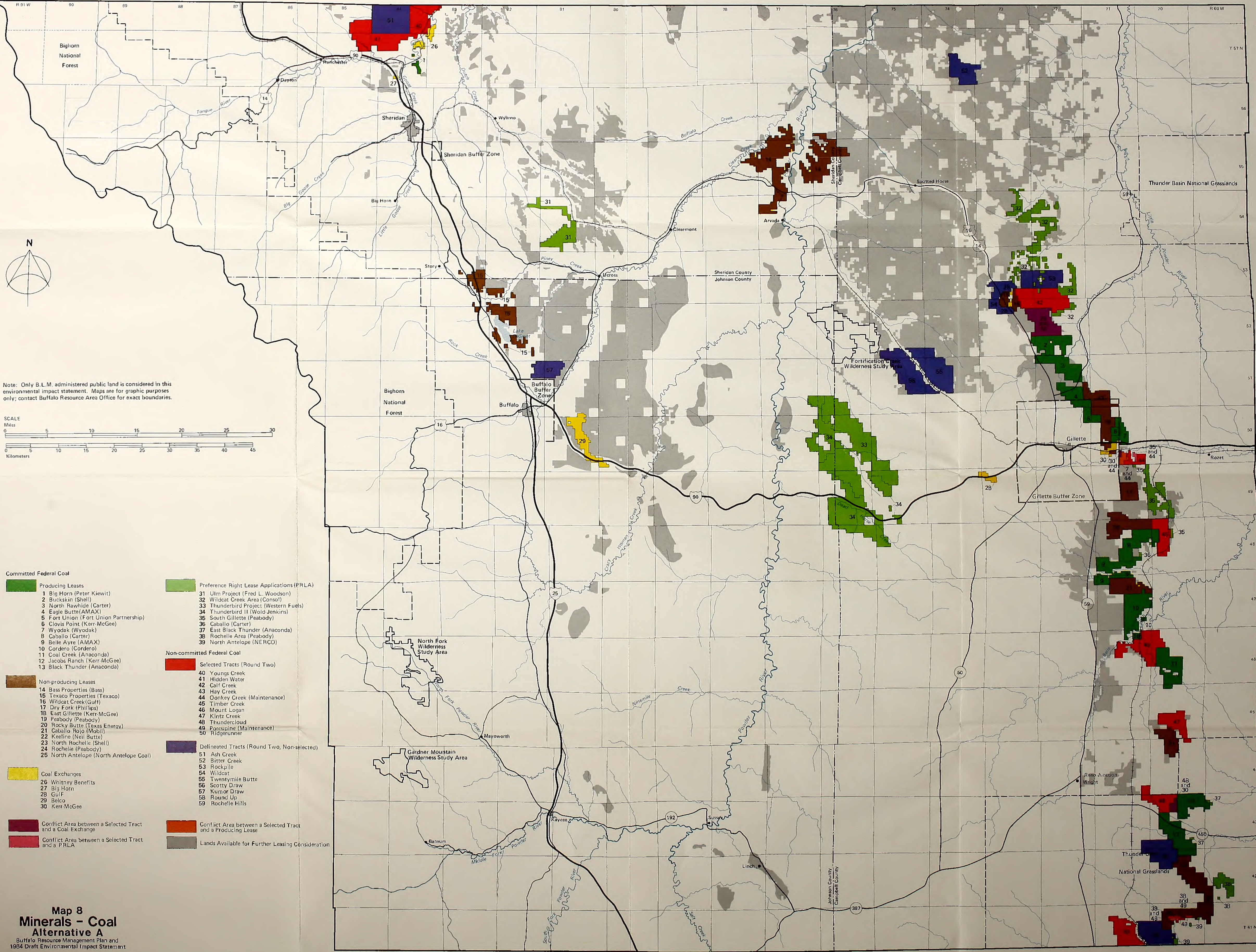


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- Surface Ownership**
- B.L.M. Administered Public Land (retained from disposal)
 - National Forest (includes National Grasslands and Bankhead Jones Lands)
 - Other Federal (includes Military Lands)
 - State
 - Private
- Land Disposal**
- Sell
 - Exchange
- Coal with high development potential, known geological structures, identified mineral material sites. Land ownership adjustments will be delayed in these areas.

Map 7A
Land Disposal
Alternatives A & C
Buffalo Resource Management Plan and
1984 Draft Environmental Impact Statement

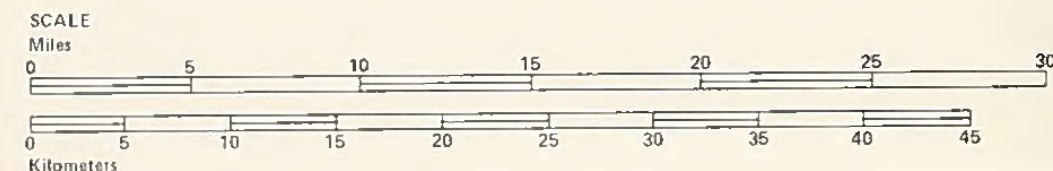


- Committed Federal Coal**
- Producing Leases**
- 1 Big Horn (Peter Kiewit)
 - 2 Buckskin (Shell)
 - 3 North Rawhide (Carter)
 - 4 Eagle Butte (AMAX)
 - 5 Fort Union (Fort Union Partnership)
 - 6 Clovis Point (Kerr-McGee)
 - 7 Wyodak (Wyodak)
 - 8 Caballo (Carter)
 - 9 Belle Ayre (AMAX)
 - 10 Cordero (Cordero)
 - 11 Coal Creek (Anaconda)
 - 12 Jacobs Ranch (Kerr-McGee)
 - 13 Black Thunder (Anaconda)
- Non-producing Leases**
- 14 Bass Properties (Bass)
 - 15 Texaco Properties (Texaco)
 - 16 Wildcat Creek (Gulf)
 - 17 Dry Fork (Phillips)
 - 18 East Gillette (Kerr-McGee)
 - 19 Peabody (Peabody)
 - 20 Rocky Butte (Texas Energy)
 - 21 Caballo Rojo (Mobil)
 - 22 Keelins (Neil Butte)
 - 23 North Rochelle (Shell)
 - 24 Rochelle (Peabody)
 - 25 North Antelope (North Antelope Coal)
- Coal Exchanges**
- 26 Whitney Benefits
 - 27 Big Horn
 - 28 Gulf
 - 29 Belco
 - 30 Kerr-McGee
- Conflict Area between a Selected Tract and a Coal Exchange**
- Conflict Area between a Selected Tract and a PRLA**
- Preference Right Lease Applications (PRLA)**
- 31 Ulm Project (Fred L. Woodson)
 - 32 Wildcat Creek Area (Consol)
 - 33 Thunderbird Project (Western Fuels)
 - 34 Thunderbird II (Wold-Jenkins)
 - 35 South Gillette (Peabody)
 - 36 Caballo (Carter)
 - 37 East Black Thunder (Anaconda)
 - 38 Rochelle Area (Peabody)
 - 39 North Antelope (NERCO)
- Non-committed Federal Coal**
- Selected Tracts (Round Two)**
- 40 Youngs Creek
 - 41 Hidden Water
 - 42 Calf Creek
 - 43 Hay Creek
 - 44 Onkey Creek (Maintenance)
 - 45 Timber Creek
 - 46 Mount Logan
 - 47 Kintz Creek
 - 48 Thundercloud
 - 49 Porcupine (Maintenance)
 - 50 Ridgerunner
- Delineated Tracts (Round Two, Non-selected)**
- 51 Ash Creek
 - 52 Bitter Creek
 - 53 Rockpile
 - 54 Wildcat
 - 55 Twenty-mile Butte
 - 56 Scotty Draw
 - 57 Kumor Draw
 - 58 Round Up
 - 59 Rochelle Hills
- Conflict Area between a Selected Tract and a Producing Lease**
- Lands Available for Further Leasing Consideration**

Map 8
Minerals - Coal
Alternative A
Buffalo Resource Management Plan and
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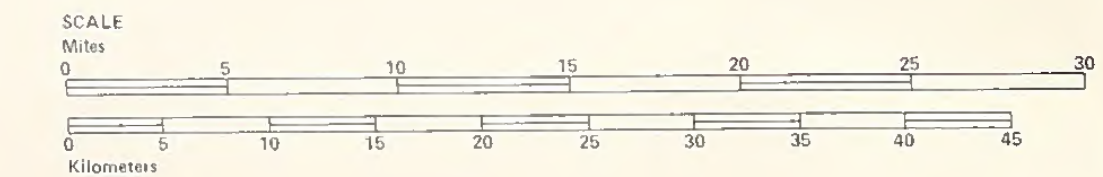


- Existing Oil and Gas Fields (Known Geologic Structure)(As of January, 1984)
- Mineral Material Sites
- No Surface Occupancy (Oil and Gas)
- Closures (No Lease, Oil and Gas)
- Closed to Mineral Location (1872 Mining Law)

Map 10
Minerals - Oil and Gas
Alternative A
Buffalo Resource Management Plan and
1984 Draft Environmental Impact Statement



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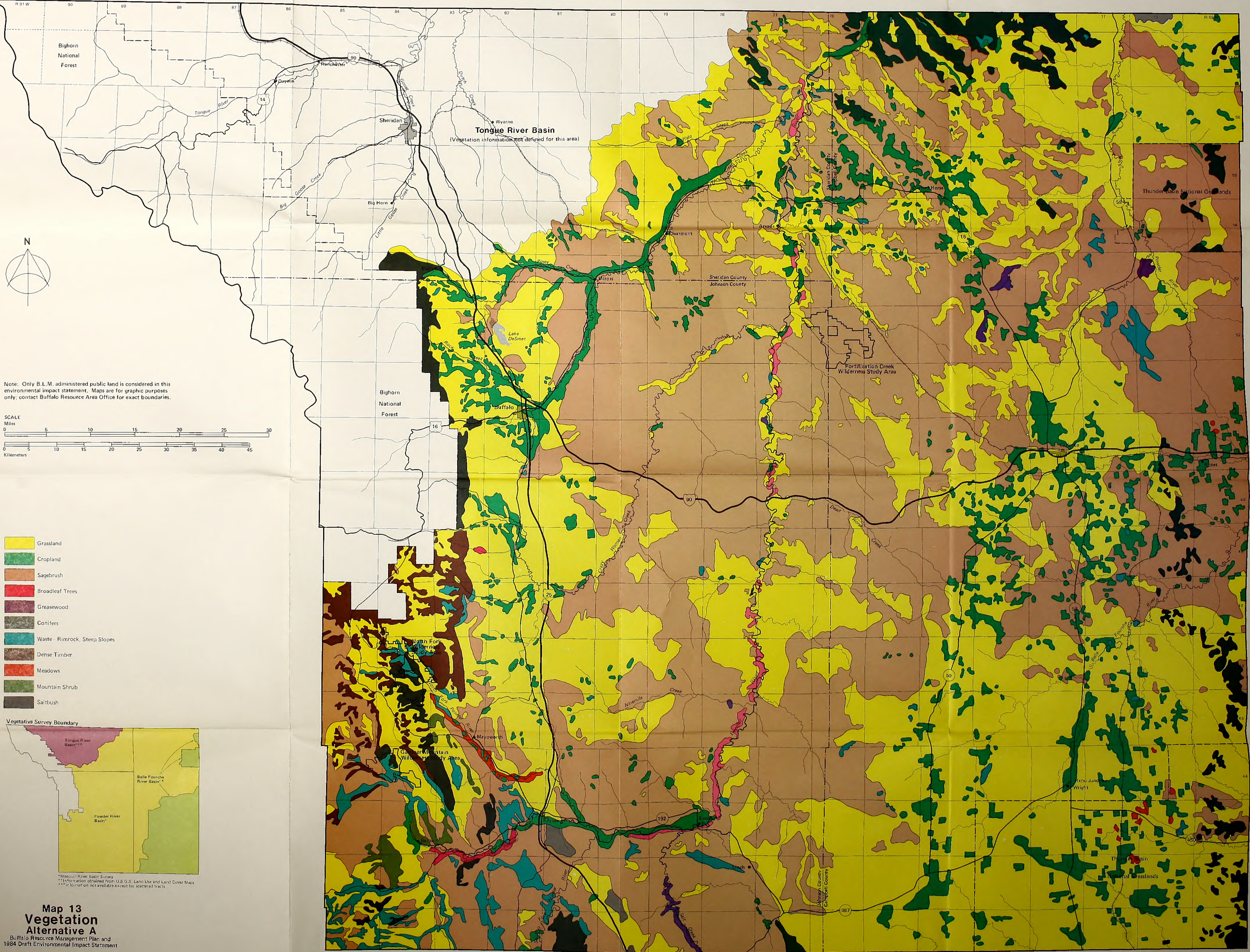


- Soils on Alluvial Fans
 - A-1 Cushman-Stoneham-Fort Collins
 - A-2 Ascalon-Fort Collins Shingle
- Soils on Foothills
 - F-1 Wolf-Ascalon-Cragola
 - F-2 Raynestord-Tropical-Aridic-Argiboralls
 - F-3 Aridic-Argicstolls-Cragola
- Soils on Mountains
 - M-1 Hazeton-Burgess-Mathers
 - M-2 Starman-Woolsey-Decross
 - M-3 Sunup-Passcreek-Rock Outcrop
 - M-4 Woolsey-Burgess-Decross
- Soils on Terraces
 - T-1 Big Horn-Wolf Variant-Ulm
- Soils on Uplands
 - U-1 Wyrano-Terry-Cushman
 - U-2 Shingle-Rock Outcrop
 - U-3 Renohill-Shingle-Stoneham
 - U-4 Wibaux-Kirtley Variant-Rock Outcrop
 - U-5 Shingle-Wibaux-Rock Outcrop
 - U-6 Briggsdale-Renohill-Pugsley
 - U-7 Olney-Maysdorf-Ulm
 - U-8 Shingle-Briggsdale-Cushman
 - U-9 Shingle-Cushman-Bidman
 - U-10 Shingle-Thedalund-Kim
 - U-11 Shingle-Fort Collins-Cushman
 - U-12 Maysdorf-Bidman-Fort Collins
 - U-13 Cushman-Boybae-Fort Collins
 - U-14 Wibaux-Sear-Briggsdale
 - U-15 Wolf Variant-Shingle-Emmigrant
 - U-16 Samsil-Shingle-Rock Outcrop
 - U-17 Briggsdale-Renohill-Fort Collins
 - U-18 Terry-Tassel-Fort Collins
 - U-19 Terry-Tassel-Shingle
 - U-20 Moret-Kirtley-Rock Outcrop
 - U-21 Samsil-Gaynor-Rock Outcrop
 - U-22 Rock Outcrop-Spearfish
 - U-23 Schooner-Gateson-Rock Outcrop
- Soils on Floodplains and Alluvial Fans
 - V-1 Haverson-Glenberg-Bankard
 - V-2 Haverson-Bidman-Glenberg
 - V-3 Haverson-Lohmiller-Glenberg
 - V-4 Barnum-Redbanks

Map 11
Soils
Alternative A
Buffalo Resource Management Plan and
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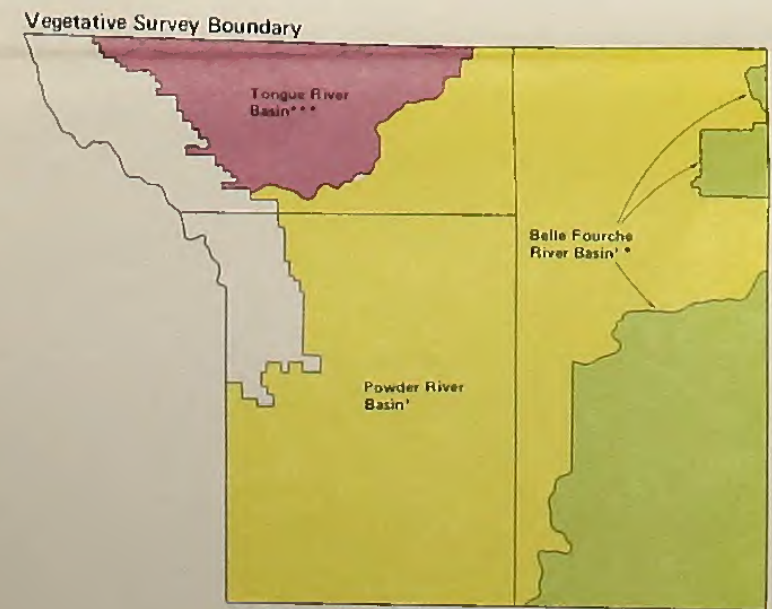
Map 12
Soil Erosion Hazard
Alternative A
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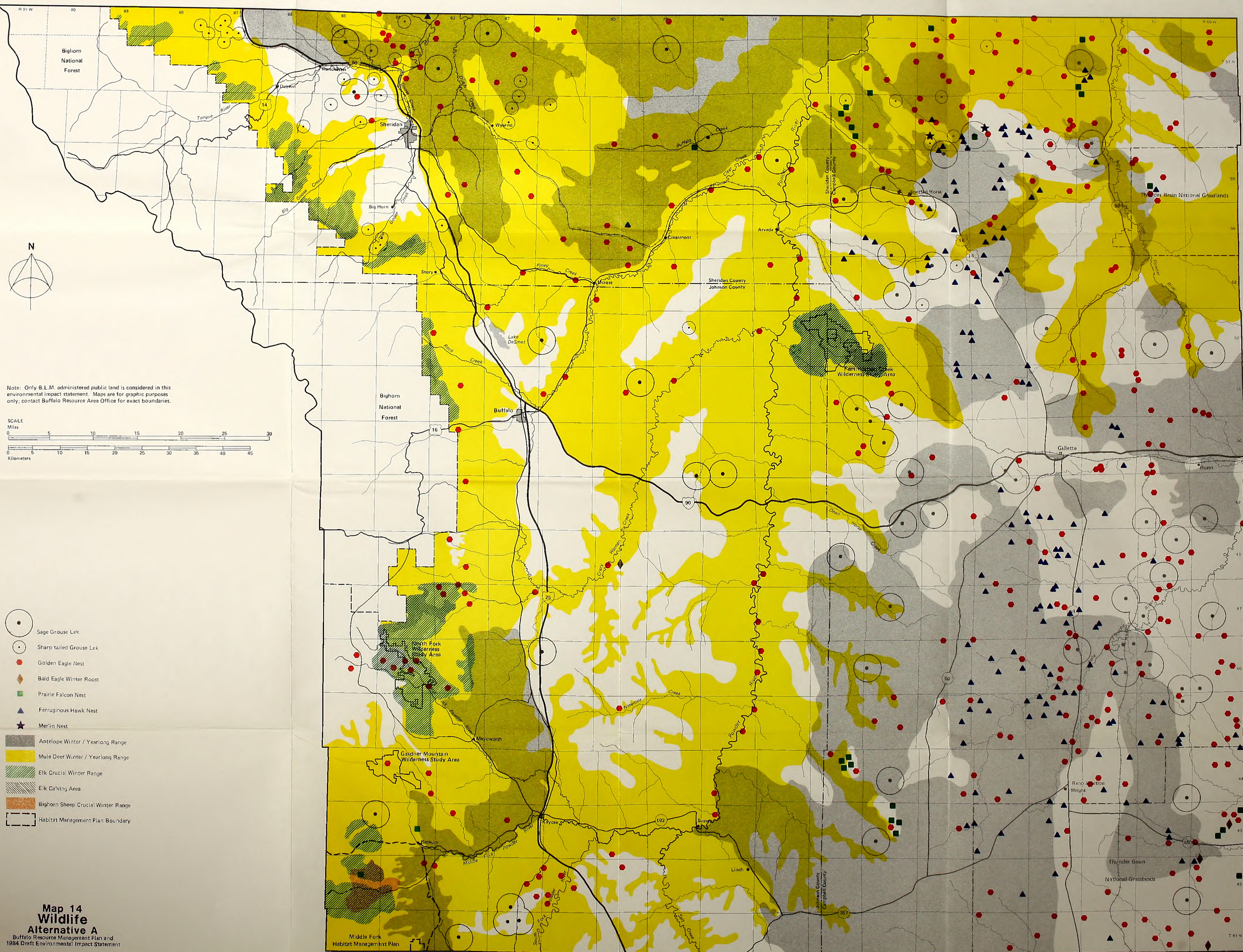
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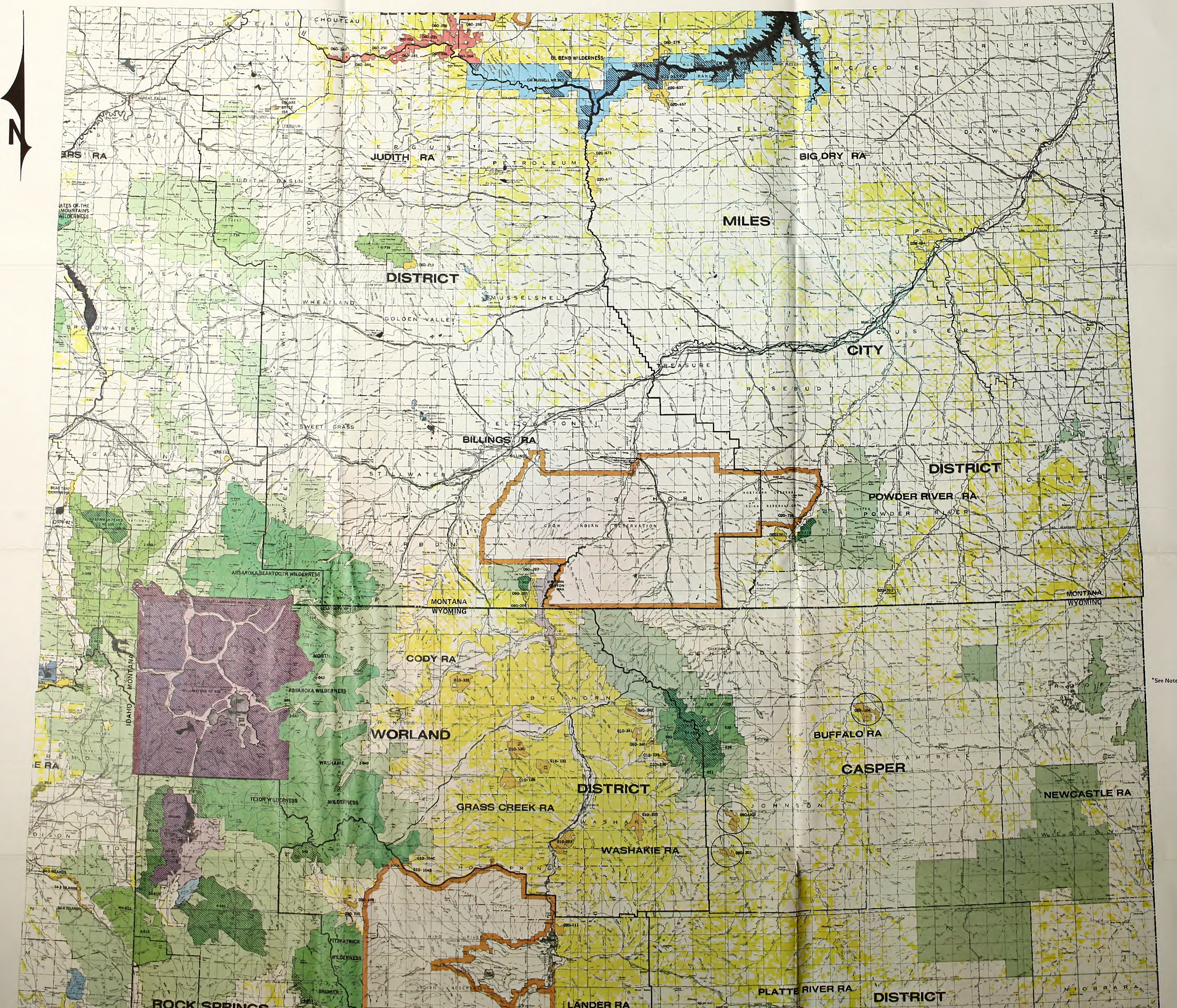


- Grassland
- Cropland
- Sagebrush
- Broadleaf Trees
- Greasewood
- Conifers
- Waste - Rimrock, Steep Slopes
- Dense Timber
- Meadows
- Mountain Shrub
- Saltbush

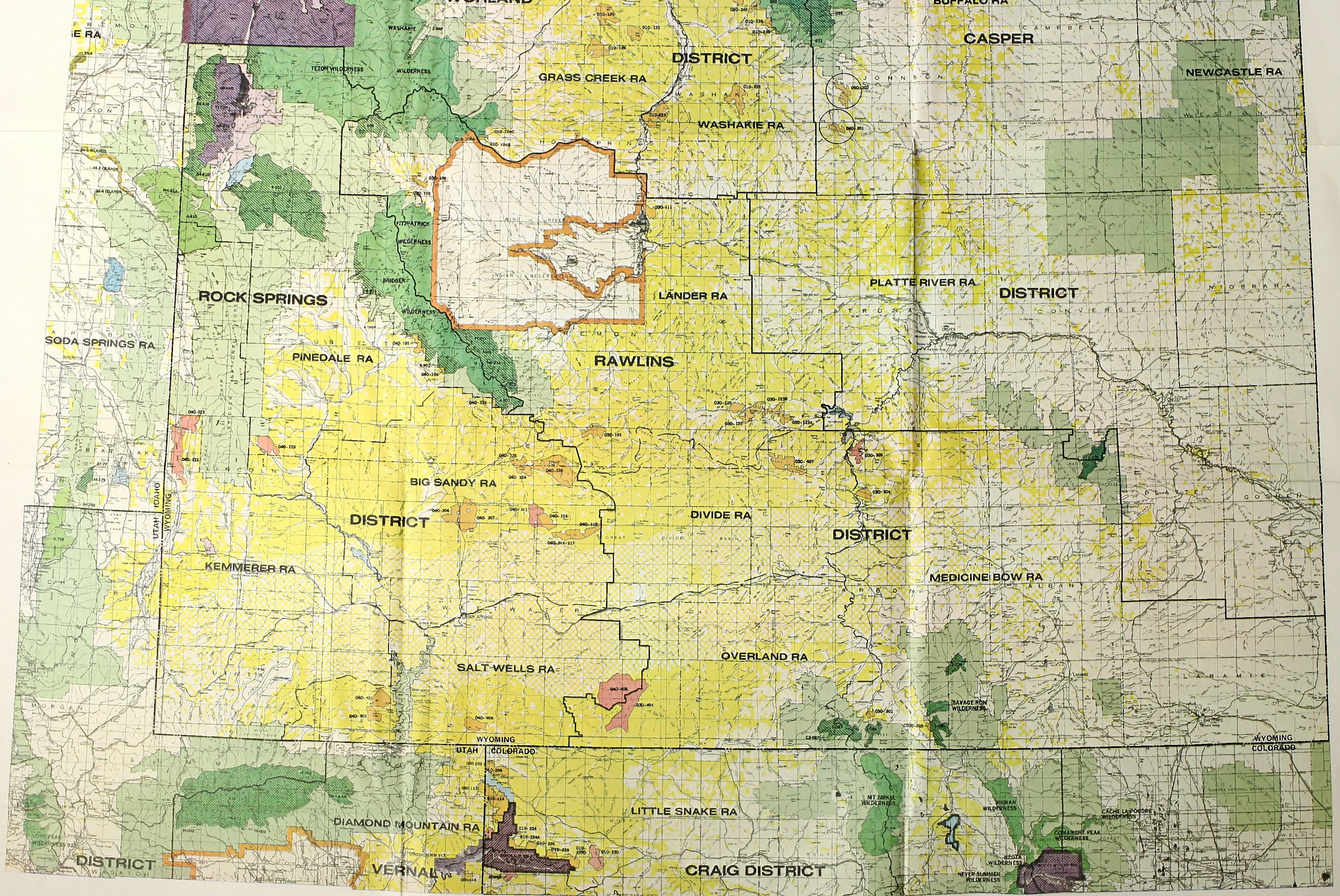


Map 13
Vegetation
Alternative A
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*See Note Below



Buffalo Resource Area WSA's
(Wilderness Study Areas)

| | BLM | USFS | NPS | FWS |
|-------------------------------------------------------|------|------|------|------|
| Designated Wilderness | NONE | NONE | NONE | NONE |
| Administratively Endorsed as Suitable (Prior to 1961) | NONE | NONE | NONE | NONE |
| Further Planning or Study Area (WSA) | NONE | NONE | NONE | NONE |
| Other Agency Lands | NONE | NONE | NONE | NONE |
| BLM Wilderness Inventory Not Completed | NONE | NONE | NONE | NONE |
| BLM Lands Administratively Endorsed as Non-suitable | NONE | NONE | NONE | NONE |
| BLM Lands Under Appeal (WSA's) | NONE | NONE | NONE | NONE |
| USFS Rare II Under Litigation (California) | NONE | NONE | NONE | NONE |
| State Designated Wilderness | NONE | NONE | NONE | NONE |
| Indian Reservations | NONE | NONE | NONE | NONE |
| BLM Non WSA's Under Appeal | NONE | NONE | NONE | NONE |

*Note:
The following additional wilderness areas are in South Dakota and Nebraska and are considered to be part of the wilderness use region.
There are two designated wilderness areas within the State of South Dakota; Black Elk Wilderness (9,824 acres) and Sage Creek Wilderness (64,260 acres).
There are six Further Planning Areas (Forest Service) they include:

| Name | Acres | State |
|----------------|--------|--------------|
| Beaver Park | 5,000 | South Dakota |
| Cheyenne River | 8,010 | South Dakota |
| Red Shirt | 9,520 | South Dakota |
| Indian Creek | 24,670 | South Dakota |
| Pine Ridge | 7,360 | Nebraska |
| Soldier Creek | 8,088 | Nebraska |

Scale 1:1,000,000
1 inch equals approximately 81 miles
BASE MAP BY U.S. GEOLOGICAL SURVEY
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Regional Wilderness Buffalo Resource Area

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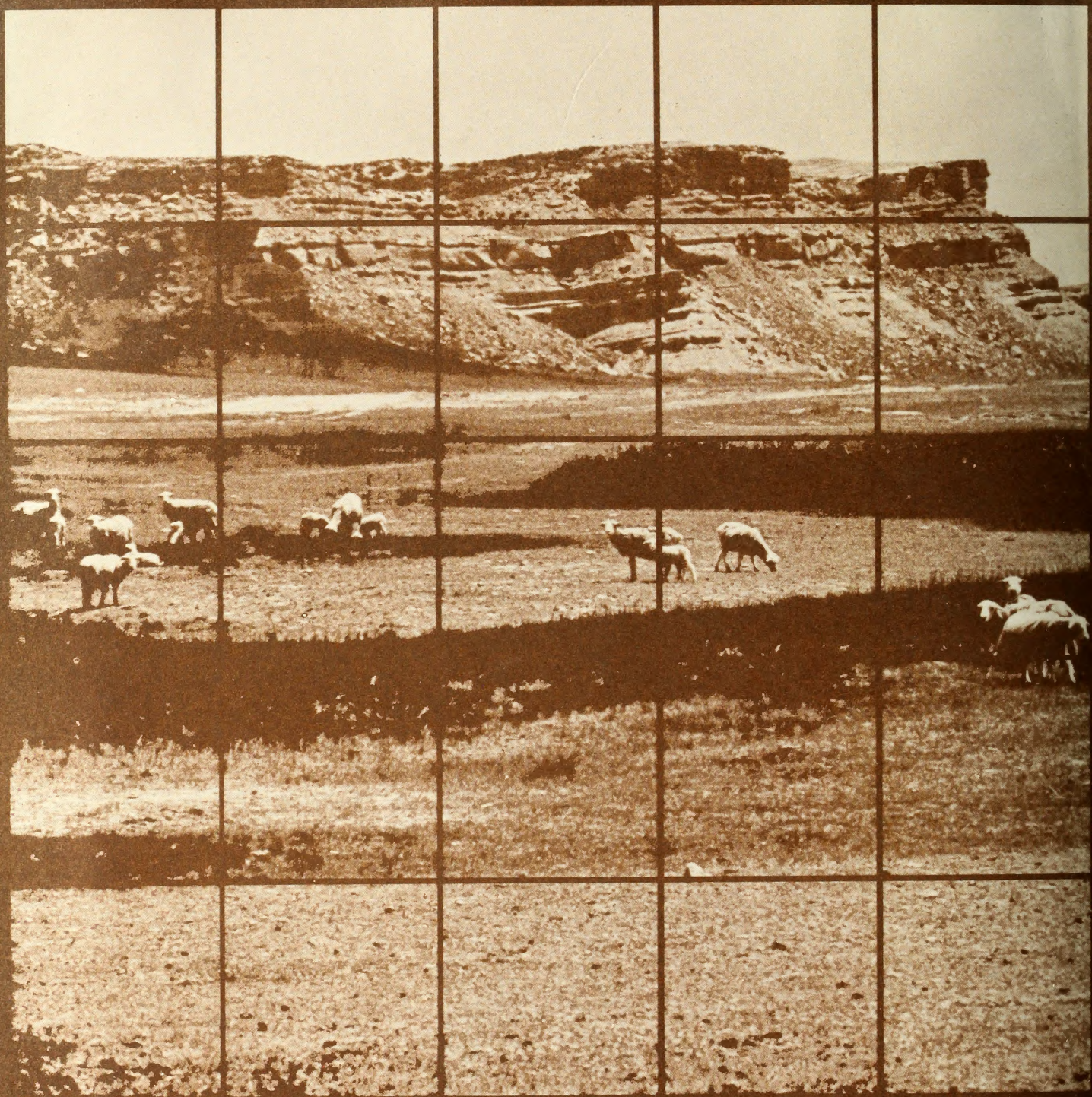
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